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AUG 17 2006

DATE: August 17, 2006**PTO IDENTIFIER:** Application Number 10/666,558-Conf. #5541
Patent Number**Inventor:** Sohl et al.**MESSAGE TO:** US Patent and Trademark Office**FAX NUMBER:** (571) 273-8300**FROM:** VENABLE LLP
Ralph P. Albrecht**PHONE:** (703) 760-1681**Attorney Dkt. #:** 36507-193188**PAGES (Including Cover Sheet):** 28**CONTENTS:**

Amendment in Response to Final Office Action (21 pages)
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PTO/SB/97 (09-04)
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Application No. (if known): 10/666,558

Attorney Docket No.: 36507-193188

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Amendment in Response to Final Office Action (21 pages)
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AUG 17 2006

Attorney/LAA: RPA:cja

PTO Due Date: August 17, 2006

DATE FILED : August 17, 2006

Atty. Docket No: 36507-193188

Applicant: SOHL et al.

Title: ENHANCED SUBSURFACE SCANNING SYSTEM,
METHOD AND COMPUTER PROGRAM PRODUCT

Application No: 10/666,558

Filing Date: September 22, 2003

Allowed:

Issue Date:

The following items were received from Venable, Washington, D.C., by the U.S. Patent & Trademark Office:

U.S. PTO FEES ENCLOSED

Information Disclosure
Statement

\$ 180

Extension Fee

IDS Fee Claims over 20 ()

Brief on Appeal Fee

Oral Hearing Request Fee

Petition Fee

Issue Fee

Publication Fee

Maintenance Fee

\$ 180 Total Fees Paid

☒ Amendment in Response to final Office Action☒ Information Disclosure Statement☒ IDS SB/08/a/b☒ Fee Transmittal SB/17☒ Yellow filing receipt☒ Certificate of Transmission☒ FAX Transmittal cover sheet☐ Request for Continued Examination (RCE) under 37 CFR 1.114☐ Amendment in Response to Final Office Action☐ International Search Report☐ Information Disclosure Statement with PTO Form-SB/08☐ Request for Oral Hearing☐ Preliminary Amendment☐ Petition/Request for Extension of Time (mo. ext.)☐ Notice of Appeal☐ Appeal Brief (in triplicate)☐ Reply Brief (in triplicate)☐ Confirmation of Hearing Petition☐ Issue Fee Transmittal☐ Petition Fee Under 37 CFR 1.17(f), (g) & (h) Transmittal☐ Processing Fee Under 37 CFR 1.17(i) Transmittal☐ Power of Attorney☐ Response to Notice to File Missing Requirements☐ Sequence Listing - Computer Disk Enclosed? ☐ Yes ☐ No☒ Charge Deposit Account No.
22-0261**Deposit Account was used; copy of
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AUG 17 2006

PTO/SB/17 (01-08)


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| | | | |
|-------------------------------------------------------------------------------------------|--|--------------------------|------------------------|
| FEE TRANSMITTAL For FY 2006 | | Complete if Known | |
| | | Application Number | 10/666,558-Conf. #5541 |
| | | Filing Date | September 22, 2003 |
| | | First Named Inventor | John H. Sohl, III |
| | | Examiner Name | K. A. Moss |
| | | Art Unit | 1743 |
| <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27 | | Attorney Docket No. | 36507-193188 |
| TOTAL AMOUNT OF PAYMENT | | (S) | 180.00 |

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| <input checked="" type="checkbox"/> Deposit Account Deposit Account Number: <u>22-0261</u> Deposit Account Name: <u>Venable LLP</u> | |
| For the above-identified deposit account, the Director is hereby authorized to: (check all that apply) | |
| <input checked="" type="checkbox"/> Charge fee(s) indicated below | <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee |
| <input checked="" type="checkbox"/> Charge any additional fee(s) or underpayment of fee(s) under 37 CFR 1.16 and 1.17 | <input checked="" type="checkbox"/> Credit any overpayments |

| FEE CALCULATION (All the fees below are due upon filing or may be subject to a surcharge.) | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|---------------------------------------------------------|----------------------|----------------------------------|------------------|-----------------------|------------------------------|---------------------|-----------------|----------------------|----------------------------------|-----------------|----------------------|----|--------|---|---|--|--|--|--|
| 1. BASIC FILING, SEARCH, AND EXAMINATION FEES | | | | | | | | | | | | | | | | | | | | | |
| Application Type | FILING FEES | | SEARCH FEES | | EXAMINATION FEES | | Fees Paid (\$) | | | | | | | | | | | | | | |
| | Fee (\$) | Small Entity Fee (\$) | Fee (\$) | Small Entity Fee (\$) | Fee (\$) | Small Entity Fee (\$) | | | | | | | | | | | | | | | |
| Utility | 300 | 150 | 500 | 250 | 200 | 100 | | | | | | | | | | | | | | | |
| Design | 200 | 100 | 100 | 50 | 130 | 65 | | | | | | | | | | | | | | | |
| Plant | 200 | 100 | 300 | 150 | 160 | 80 | | | | | | | | | | | | | | | |
| Reissue | 300 | 150 | 500 | 250 | 600 | 300 | | | | | | | | | | | | | | | |
| Provisional | 200 | 100 | 0 | 0 | 0 | 0 | | | | | | | | | | | | | | | |
| 2. EXCESS CLAIM FEES | | | | | | | | | | | | | | | | | | | | | |
| Fee Description | | | | | | | Small Entity Fee (\$) | | | | | | | | | | | | | | |
| Each claim over 20 (including Reissues) | | | | | | | 50 | | | | | | | | | | | | | | |
| Each independent claim over 3 (including Reissues) | | | | | | | 200 | | | | | | | | | | | | | | |
| Multiple dependent claims | | | | | | | 360 | | | | | | | | | | | | | | |
| <table border="0"> <tr> <td><u>Total Claims</u></td> <td><u>Extra Claims</u></td> <td><u>Fee (\$)</u></td> <td><u>Fee Paid (\$)</u></td> <td><u>Multiple Dependent Claims</u></td> <td><u>Fee (\$)</u></td> <td><u>Fee Paid (\$)</u></td> </tr> <tr> <td>32</td> <td>- 32 =</td> <td>0</td> <td>0</td> <td></td> <td></td> <td></td> </tr> </table> | | | | | | | <u>Total Claims</u> | <u>Extra Claims</u> | <u>Fee (\$)</u> | <u>Fee Paid (\$)</u> | <u>Multiple Dependent Claims</u> | <u>Fee (\$)</u> | <u>Fee Paid (\$)</u> | 32 | - 32 = | 0 | 0 | | | | |
| <u>Total Claims</u> | <u>Extra Claims</u> | <u>Fee (\$)</u> | <u>Fee Paid (\$)</u> | <u>Multiple Dependent Claims</u> | <u>Fee (\$)</u> | <u>Fee Paid (\$)</u> | | | | | | | | | | | | | | | |
| 32 | - 32 = | 0 | 0 | | | | | | | | | | | | | | | | | | |
| <table border="0"> <tr> <td><u>Indep. Claims</u></td> <td><u>Extra Claims</u></td> <td><u>Fee (\$)</u></td> <td><u>Fee Paid (\$)</u></td> <td></td> <td></td> <td></td> </tr> <tr> <td>2</td> <td>- 3 =</td> <td>0</td> <td>0</td> <td></td> <td></td> <td></td> </tr> </table> | | | | | | | <u>Indep. Claims</u> | <u>Extra Claims</u> | <u>Fee (\$)</u> | <u>Fee Paid (\$)</u> | | | | 2 | - 3 = | 0 | 0 | | | | |
| <u>Indep. Claims</u> | <u>Extra Claims</u> | <u>Fee (\$)</u> | <u>Fee Paid (\$)</u> | | | | | | | | | | | | | | | | | | |
| 2 | - 3 = | 0 | 0 | | | | | | | | | | | | | | | | | | |
| HP = highest number of total claims paid for, if greater than 20. | | | | | | | | | | | | | | | | | | | | | |
| HP = highest number of independent claims paid for, if greater than 3. | | | | | | | | | | | | | | | | | | | | | |
| 3. APPLICATION SIZE FEE | | | | | | | | | | | | | | | | | | | | | |
| If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(e). | | | | | | | | | | | | | | | | | | | | | |
| <u>Total Sheets</u> | <u>Extra Sheets</u> | <u>Number of each additional 50 or fraction thereof</u> | <u>Fee (\$)</u> | <u>Fee Paid (\$)</u> | | | | | | | | | | | | | | | | | |
| - 100 = | /50 | (round up to a whole number) x | | | | | | | | | | | | | | | | | | | |
| 4. OTHER FEE(S) | | | | | | | | | | | | | | | | | | | | | |
| Non-English Specification, \$130 fee (no small entity discount) | | | | | | | | | | | | | | | | | | | | | |
| Other (e.g., late filing surcharge): <u>Submission of an Information Disclosure Statement</u> | | | | | | | | | | | | | | | | | | | | | |
| <u>1806</u> <u>Statement</u> <u>180.00</u> | | | | | | | | | | | | | | | | | | | | | |

| | | | |
|---------------------|-------------------------------------------------------------------------------------|-----------------------------------|-----------------|
| SUBMITTED BY | | | |
| Signature |  | Registration No. (Attorney/Agent) | 43,466 |
| Name (Print/Type) | Ralph P. Albrecht | Telephone | (703) 760-1681 |
| | | Date | August 17, 2006 |

| | |
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| I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being transmitted by facsimile to the Patent and Trademark Office, facsimile no. (571) 273-8300, on the date shown below. | |
| Dated: August 17, 2006 | Signature: <u>C. Allen</u> (C. Allen) |

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